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PARTS SHORTAGE CONTINUES;
NEW COTTON PICKERS, SEEDERS MAKE APPEARANCE

OBLAST UNABLE TO GET FARM MACHINES -- Izvestiya, No 79, 2 Apr 50

The MTS of Ul'yansovsk Oblast are experiencing a serious shortage of tractor-drawn machinery such as plows, cultivators, seeders, and spare parts, which the oblast office of the Sel'khozsnab (Agricultural Supply) is unable to furnish. Along with the Sel'khozsnab, the producing plants are responsible for the bad state of affairs. For example, at the beginning of the year the oblast office placed an order for spare parts with the Altaysel'mash Plant (director, Gotsulyak), but to date the plant has failed to make any delivery.

At the beginning of the repair period, the Glavsel'khozsnab (Main Administration of Agricultural Supply) of the Ministry of Agriculture USSR allocated 300 cast-steel wheel hubs for the oblast, to be produced by the Altaysel'mash. So far, the plant has failed to make a delivery and repeated reminders both by the Glavsel'khozsnab and the Glavsel'mashsbyt (Main Administration of Agricultural Machinery Sales) of the Ministry of Agricultural Machine Building have been to no avail.

There are many instances where producing plants delay with impunity their deliveries. An end must be put to such irresponsibility.

TRADE UNION PLENUM CENSURES MINISTRY -- Trud, No 75, 29 Mar 50

At the Fourth Plenum of the Central Committee of the Agricultural-Machine-Building Workers' Trade Union, which has just completed its work, attention was focused on a number of serious shortcomings in the Central Committee, the ministry, and the ministry's main administrations.

Among other things, the plenum discussed reports on housing, according to which over 300,000 square meters of living space were built for workers of the agricultural-machine-building industry in the postwar period. Government

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subsidies permitted the building of 1,330 individual homes. The amount of money allotted for housing in 1950 is more than twice the 1949 allotment. Nevertheless, the ministry was subjected to sharp criticism for lack of leadership in the matter of housing.

The plenum approved the new state budget for social insurance, which represents a twenty-percent increase over that of 1949.

GET STALIN PRIZE FOR COTTON PICKER -- Sovetskaya Litva, No 81, 5 Apr 50

Engineers L. M. Rozenblyum, M. N. Markov, and V. D. Nekhoroshev of the State Special Design Bureau have been awarded the Stalin Prize for designing and putting into production a cotton-picking machine.

Kommunist, No 64, 15 Mar 50

The Stalin Prize has been awarded to designer G. I. Volkov and others for producing a machine which performs the complex operation of picking the cotton from the opening bolls of the plant. This machine halves the cost of cotton picking.

PLANT USING LESS METAL FOR COTTON PICKER -- Leningradskaya Pravda, No 80, 4 Apr 50

The Tashsel'mash Plant has rolled off the first cotton pickers made from metal savings.

The plant has discovered many new ways of saving metal. For example, under the old method of boring bronze bushings for cotton pickers the resultant chips constituted a great loss of metal; now, the core is cut out by a special device and a smaller bushing is made from it. A group of the plant's designers under the leadership of Engineer Murav'yev simplified many complex units of the cotton picker by replacing welded parts with whole metal castings. As a result, the consumption of metal for each machine has been reduced 100 kilograms.

Pravda, No 30, 30 Jan 50

The Tashkent Plant imeni Voroshilov produces a high-duty, double-row, horizontal-spindle cotton-picking machine.

PRODUCES TRACTOR TEA SEEDER -- Moskovskiy Komsomolets, No 41, 4 Apr 50

The Krasnodar Zapaschast' Plant has produced the first tractor-drawn machine known in the USSR for sowing tea seeds. The experimental model will be sent for testing to the Lazarevskoye MTS. In addition, the plant has turned out 20 hand-operated tea seeders.

TURN OUT NEW TRACTOR CORN SEEDERS -- Pravda Ukrainy, No 85, 9 Apr 50

The Kharkov Traktorozapaschast' Plant has put out 50 tractor corn seeders of a new type designed by Nastenka, Stalin prize winner. The sowing, which is done by "bayonetting" the ground, insures high-quality planting and shortens the period required to nurture the plants.

The machine, consisting of six separate two-row sections, requires one tractor driver and one man to operate the seeder. It can sow 25 hectares in 10 hours by the nest method, replacing 50 men working with hand-operated corn planters.

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PLANT DESIGNS NEW MACHINES -- Trud, No 81, 5 Apr 50

During a recent visit of combine operators from various oblasts to the Rostsel'mash Plant, Krasnichenko, the plant's chief designer and Stalin prize winner, demonstrated newly designed harvesters, including the Stalinets-8 combine, which is $1\frac{1}{2}$ times as productive as the Stalinets-6, combines for harvesting rice and corn, and other machines.

PLANT TO TURN OUT NEW TYPE MACHINES -- Trud, No 81, 5 Apr 50

The Kharkov Serp i Molot Plant will produce several new types of machines, designed in its own bureau, which will go into operation during the coming harvest. Among them are a mobile grain dryer which will use local fuel, a thresher attachment for processing grass seeds, and a machine for threshing sesame seed.

INVENTS NEW FORK LIFT -- Komsomolskaya Pravda, No 80, 4 Apr 50

M. D. Obryvko, a fitter at the Yelan'-Kolenovskiy Sugar Plant, has built an original fork lift for loading sugar beets. The machine has shown outstanding performance. A single worker can now load a truck in 2-3 minutes, whereas formerly four workers spent 25 minutes on the same operation.

The new fork lift is self-propelled. Its front part is that of an ordinary truck, but two conveyers, perpendicular to each other, are mounted on the frame. One of them, projecting toward the ground, has at the end a rotating shaft with flanges which pick up the beets and pass them on to the second conveyer. The latter loads the beets on the truck.

Obryvko, as well as Yu. L. Tkachenko and G. F. Repin, the plant's chief mechanic and foreman of the experimental shops, respectively, have been awarded the Stalin Prize for the invention.

USE OF LOADING MACHINE SPREADING -- Sovetskaya Kirgiziya, No 68, 5 Apr 50

The powerful new one-scoop loading machine, the so-called tractor shovel, is being used in an ever-increasing range of operations. It is successfully employed, in addition to beet loading, in the loading of peat, coal, and other loose freight. Hundreds of such machines are already in use at sugar beet plantations.

The scoop is designed to pick up at $1\frac{1}{2}$ -2 tons of beets at a time and to load 30-100 tons an hour.

This year, the sugar industry will receive 400 such tractor shovels from the Ukrainian plants.

PLANT TO PRODUCE REVERSIBLE PLOW -- Kommunist Tadzhikistana, No 22, 31 Jan 50

For the past 8-9 years the Tadzhik grain kolkhozes have felt a particular need for a light, reversible horse plow along the lines of the O-16 plow; the prewar and heavy Sakk plows are not suitable for mountainous regions. In the fourth quarter of 1949, the Ministry of Agriculture Tadzhik SSR ordered an experimental model of such a plow built at the Stalinabad Motor Repair Plant. This machine, which can plow to a depth of 15-16 centimeters, has been tested and found satisfactory. In 1950 - 1951, the plant can produce enough plows of this type to meet the needs of all the rayons in the republic. Moreover, production of this machine can also be mastered by the Kurgan-Tube Motor Repair Plant.

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TO PRODUCE MORE PARTS FOR TRACTOR CULTIVATOR -- Pravda Vostoka, No 75, 31 Mar 50

The Samarkand Repair Plant has completed the first-quarter plan ahead of time, supplying agriculture with products worth dozens of thousands of rubles. The plant has also begun production of six additional parts to the tractor cultivator.

PLANT MEETS QUARTER NORM -- Bakinskiy Rabochiy, No 58, 21 Mar 50

The Azerbaydzhan Plant imeni Kalinin has completed the first-quarter plan for the production of agricultural machinery.

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